

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 12/28/2007

Control	6164-25-001
Project	RMC - 616425001
Highway	US0090
County	UVALDE

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 616425001

CONTROL: 6164-25-001

COUNTY: UVALDE

LETTING: 01/09/2008

REFERENCE NO: 1228

PROPOSAL ADDENDUMS

— PROPOSAL COVER

— BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: SHEET 4A

— SPEC LIST (SH. NO.:

— SPECIAL PROVISIONS:

ADDED:

DELETED:

— SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

— OTHER:

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

ADDED NOTE (PG 64-22 SAC-B) TO ITEM 351 IN THE GENERAL NOTES.

CORRECTION ON THE UNTIS OF MEASURE ON SHEET 5 OF THE E&Q.

Project Number: RMC 6164-25-001

Sheet

County: Uvalde

Control: 6164-25-001

Highway: US 90

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GENERAL NOTES:

===== **Basis of Estimate** =====

- The Following Is For Contractor's Information Only - Non Pay

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>RATE</u>
204	SPRINK(PREP SUBG)	4.00 MG/STA
211	ROLL(TAMP)(SUBG)	0.50 HR/STA
213	ROLL(MED PNEM)(SUBG)	0.70 HR/STA
213	ROLL(MED PNEM)(SURF TREAT)	0.22 HR/STA

===== **Surface Treatment Data** =====

Description	One Course
Area	32,418 sy
asph--type	----- See Gen Notes -----
asph--rate(gal/sy)	0.35/1 = 11,347 Gal
aggr--type/gr	Ty PE, Gr 4 SAC-B
aggr--rate(cy/sy)	1/ 100 = 324 CY

===== **CAM Data** =====

Area	53,124 sy
1" Cam Asphalt (PG 70-22)	8.625 lbs/in/sy = 230 Tons
Aggregate	106.375 lbs/in/sy = 2826 Tons

Note: Weights shown for CAM Asphalt and Aggregate are for estimating purposes only. The actual weights will be determined by testing as described in specification.

See Special Specification "Crack Attenuating Mixture Cam" for additional information

TxDOT Project Supervisor – The project will be managed by:

Name: Homer U. Bermea
Address: 2322 West US HWY. 90
State: Uvalde, TX 78801
Phone: 830-278-4433
Fax: 830-278-9404

This project consists of performing base repair on US 90 in Uvalde County.

County: Uvalde

Control: 6164-25-001

Highway: US 90

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Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A contractor awarded multiple contracts, must be capable and sufficiently staffed to concurrently process any or all contracts at the same time.

Notify the Engineer's office by telephone each morning by 8:15 a.m. that work is scheduled, with work location and time of arrival or reason for not working that day.

The road will be open to traffic at all times, unless otherwise approved by the Engineer.

Remove materials or debris within the construction limits not incorporated in the project.

Load and unload all new and used materials.

Item 6 “Control of Materials”

Supply all materials for this project.

Remove materials or debris within the construction limits not incorporated in the project.

If waste areas or material source areas result from this project, the Contractor is reminded to follow the requirements of the Texas Aggregate Quarry and Pit Safety Act. In addition, it is requested that these areas not be visible from any highway on the State system.

Upon completion of the work at each site, clean up and remove all debris related to the repair operation, including any of the material that may have been part of the original section of the existing flexible pavement. All debris, will become the property of the Contractor and will be disposed of properly.

Item 7 “Legal Relations and Responsibilities”

There will be no disturbed area for this project. The disturbed area in this project, all project locations in the Contract and Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off the ROW. When the total area disturbed in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer (to the appropriate MS4 operator when the project is on an off-state system route).

Item 8 “Prosecution and Progress”

Working days will be computed and charged in accordance with Article 8.3.A.6, Other. Working days will be charged Monday thru Friday, excluding national or state holidays, if

weather or other conditions permit the performance of the principle unit of work underway, as determined by the engineer, for a continuous period of at least 7 hours between 7:00 am and 6:00 pm, unless otherwise shown in the contract. Work on Saturdays, Sundays, state and national holidays will not be permitted without written permission of the engineer. If work requiring an inspector is performed on a Saturday, Sunday, or holidays and weather or other conditions permit the performance of work for 7 hours between 7:00 am to 6:00 pm, a working day will be charged.

Item 302 “Aggregates for Surface Treatments” (BASE REPAIR)

Previously tested aggregates delivered to the project, which are found to contain excessive quantities of dust (more than 0.5 percent passing the No. 4 sieve) during precoating, stockpiling or hauling operations, may be rejected by the Engineer. Test Method Tex-200-F, Part I will be used for testing.

Precoated Aggregate Type PE shall consist of crushed slag, crushed stone or natural limestone rock asphalt.

The San Antonio District Laboratory will utilize the Ignition Oven Method (Tex 236-F) for aggregate gradation, with the option of utilizing belt or vacuum extraction gradation in the event the ignition oven malfunctions.

Item 316 “Surface Treatments” (BASE REPAIR)

It is the intent to use AC-15P. Material rates shown are based on AC and may be adjusted by the engineer depending on actual field conditions and material used.

If emulsions are used, a minimum 24 hour curing period will elapse before placing any subsequent asphalt courses. Because of the required curing period, obtain approval before using emulsions.

When using latex asphalt, take precautionary measures to avoid drifting of asphalt onto traffic and adjacent properties.

Set a string line for all surface treatment operations unless otherwise approved .

Flux oil or emulsions may be used for pre-coating LRA and LRA-Trap Rock blends. When emulsions are used as the pre-coat material, the pre-coated aggregate will be adequately dried . Provide adequate drying and a minimum 30 day curing period before delivery of the aggregates.

Allow for the addition of lime slurry if the aggregates to be pre-coated are found to have stripping characteristics. If lime is required, lime meeting the requirements of Item 263 to the aggregate at the rate of 1% hydrated lime by weight of aggregate and shall be added in slurry form at the cold feed. The cost of the lime will be considered subsidiary to this Item. The lime slurry will be added at the stockpile, but not more than 24 hours in advance of use.

Ensure that the asphalt used for pre-coating the aggregate at the plant and the asphalt used for the surface treatment will not result in a reaction that may adversely effect the bonding of the aggregate and asphalt during the surface treatment operation.

The addition of baghouse fines will not be permitted in the production of pre-coated material.

Mixes that do not maintain flow qualities where the material can not be satisfactorily spread by approved mechanical spreading devices will not be acceptable.

Stockpiles of aggregate pre-coated with AC may generate excessive heat build-up resulting in damage to the asphalt and/or aggregates if adequate cooling has not been initially provided. Stockpiles showing evidence of heat damage (as determined by the Engineer) can be rejected by the Engineer.

Aggregates used for the final surface shall have a Flakiness Index not to exceed 15 and shall be subjected to 5 cycles of the Soundness Test in accordance with Test Method Tex-411-A. The percent loss shall not be greater than 30 when magnesium sulfate is used. This test will not apply to blends with crushed trap rock, crushed rhyolite, crushed limestone rock asphalt or lightweight aggregate.

Furnish aggregate with a minimum “ B “ Surface Aggregate Classification.

Item 351 “Flexible Pavement Structure Repair”

Remove all loose sub-base material encountered below the specified depth of the flexible pavement structure to be repaired or replaced with TY B (PG 64-22, SAC B) Hot Mix, as directed. This work will be subsidiary to this item.

For pavement repair, remove only the amount of pavement which can be replaced within the same work day.

Saw cut the existing pavement structure to a depth of 2 inches around the perimeter of the damaged area prior to removal, to provide neat line.

Place all surface treatments one foot beyond the edge of the saw cut joint. This one foot overlap will be considered subsidiary to Item 351.

Approximately 4,200 CY of material will be obtained from the repairing existing flex base operations. This material will remain the property of the State and shall be stockpiled by the Contractor near the beginning of this project in the widened ROW are just west of the Nueces River in the North ROW as directed by the Engineer. This work will be considered subsidiary to this item.

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Item 502 “Barricades, Signs, and Traffic Handling”

Furnish and install all signs, barricades and other incidentals necessary for proper traffic control, in accordance with part VI of the “Texas Manual on Uniform Traffic Control Devices for Streets and Highways” and as directed. All warning signs shall be factory made and in satisfactory condition.

Provide shadow vehicles equipped with Truck Mounted Attenuators (TMA) as shown on Traffic Control Plan (TCP) standards.

No more than one lane will be blocked at any time at a specific work site, unless otherwise authorized.

Erect signs in locations not obstructing the traveling public’s view of the normal roadway signing or necessary sight distance at intersections and curves.

Lane closures will require prior approval from the Engineer. Notify the Engineer 48 hours in advance of lane closures.

Be prepared for one way traffic control operations.

Provide sequential arrowboards for each lane closure. Provide a standby unit in good working condition at the jobsite ready for immediate use. Additional devices may be needed to supplement these requirements.

Item 510 “One Way Traffic Control”

The length of the one-way traffic control section shall be limited to 1 mile, unless otherwise authorized.

Item 585 “Ride Quality for Pavement Surfaces”

Surface Test Type A shall be used on the finished riding surface.

Item 662 “Work Zone Pavement Markings”

Remove work zone marker tabs placed prior to the final course of asphaltic concrete pavement or surface treatment removed daily as the ACP operations progress. This removal is subsidiary to this Item.

Item 672 “Raised Pavement Markers”

Remove all existing raised pavement markings as the work progresses and as approved by the Engineer. This work will not be paid for separately but will be considered subsidiary to the various bid items.

Item 3134 “Crack Attenuating Mixture CAM”

Use Class A rock only. Only crushed rock or screenings will be permitted. No river sand will be permitted.

After lab mix design the contractor will provide TxDOT 6 Hamburg sized samples molded to 93% density at optimum asphalt content; and an additional 6 molded at OAC minus 0.5%. TxDOT or TTI will test both and select the final binder content.

The contractor will provide 6 samples of the trial batch for verification. These will be molded to 93%. These will be tested by TxDOT or TTI.

The requirements in Table 6 of SS 3134 will be modified to waive the Tensile strength, Boil Test and Dust ratio requirements. The VFA requirement from Table 5 will also be waived.

Item 6110 “Reflectorized Pavement Markings W/Reflectorized Requirements”

TY I material will be TY B-Alkyd in accordance with DMS-8220.

After the surface has cured for a minimum of two (2) calendar days, been cleaned and prepared according to the specifications and as directed, apply type II markings in accordance with this item, the plans, Texas MUTCD and/or as directed/approved. The thermoplastic (Type I) markings may be applied directly over existing painted pavement markings where applicable.

The thickness for all other lines (lane, edge, no passing, etc.) shall be 0.10 inches (100 mills). These thicknesses (not including the thickness of the surface applied glass beads) are required for the full width and length of the line being placed.

If Type II material is used as the sealer for the TY I, the TY II material shall be placed a minimum of 14 calendar days (to provide adequate curing) in advance of the TY I markings.